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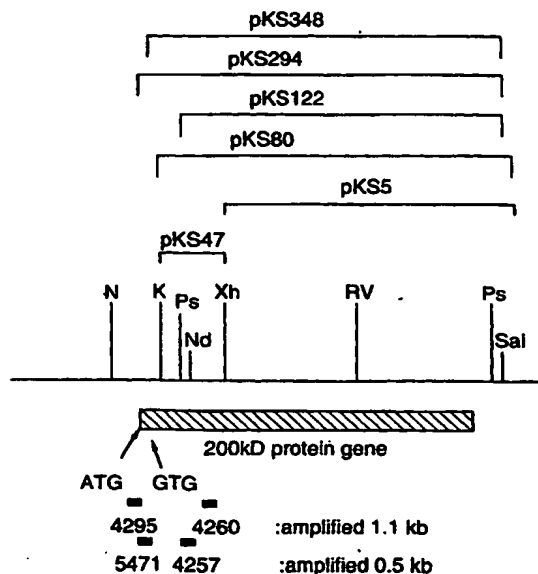
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(54) Title: RECOMBINANT HIGH MOLECULAR WEIGHT MAJOR OUTER MEMBRANE PROTEIN OF MORAXELLA

Construction of Plasmids Expressing Portions of the 200 kDa Protein Gene from Strain 4223



(57) Abstract: An isolated and purified outer membrane protein of a *Moraxella* strain, particularly *M. catarrhalis*, having a molecular mass of about 200 kDa, is provided by recombinant means. The about 200 kDa outer membrane protein as well as nucleic acid molecules encoding the same are useful in diagnostic applications and immunogenic compositions, particularly for *in vivo* administration to a host to confer protection against disease caused by a bacterial pathogen that produces the about 200 kDa outer membrane protein or produces a protein capable of inducing antibodies in a host specifically reactive with the about 200 kDa outer membrane protein. N-terminally and C-terminally truncated about 200 kDa proteins also are produced recombinantly.



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